TurboDyne Series

AXIS

Self-Powered Safety Hub with AM/FM/Weather Alert Radio and USB Cell Phone Charger

OWNER'S MANUAL

eton
EMPOWERED BY NATURE

DO YOU NEED HELP?

If you need help, please contact us, Monday-Friday, 8:00 a.m.-4:30 p.m., North American Pacific Time. 1-800-872-2228 from the U.S; 1-800-637-1648 from Canada; 650-903-3866, worldwide; FAX: 650-903-3867; web site, www.etoncorp.com; Etón Corporation, 1015 Corporation Way, Palo Alto, CA 94303, USA

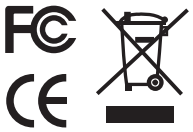
WARNING

- Do not expose this appliance to rain or moisture.
- Do not submerge or expose for extended period to water.
- Protect from high humidity and rain.
- Unplug immediately if liquid has been spilled or if an object has fallen into the apparatus.
- Clean only with a dry cloth. Do not use detergents or chemical solvents as this might damage the finish.
- Unplug and disconnect external antennas (not included) during lightning storms.
- Do not remove cover [or back].
- Refer servicing to qualified service personnel.

ENVIRONMENT

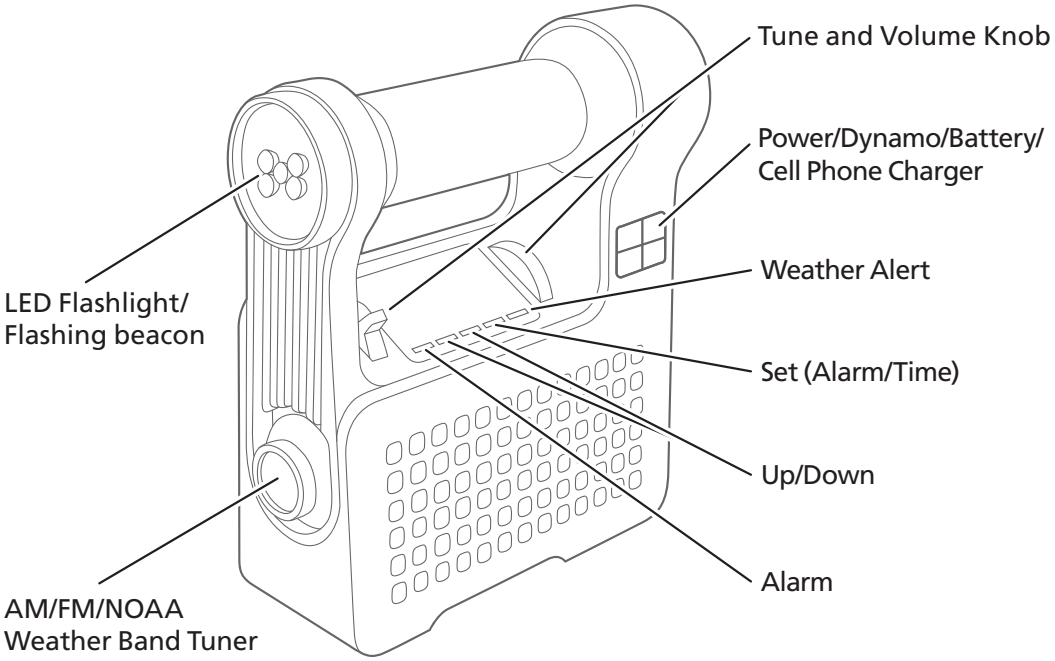
Disposal

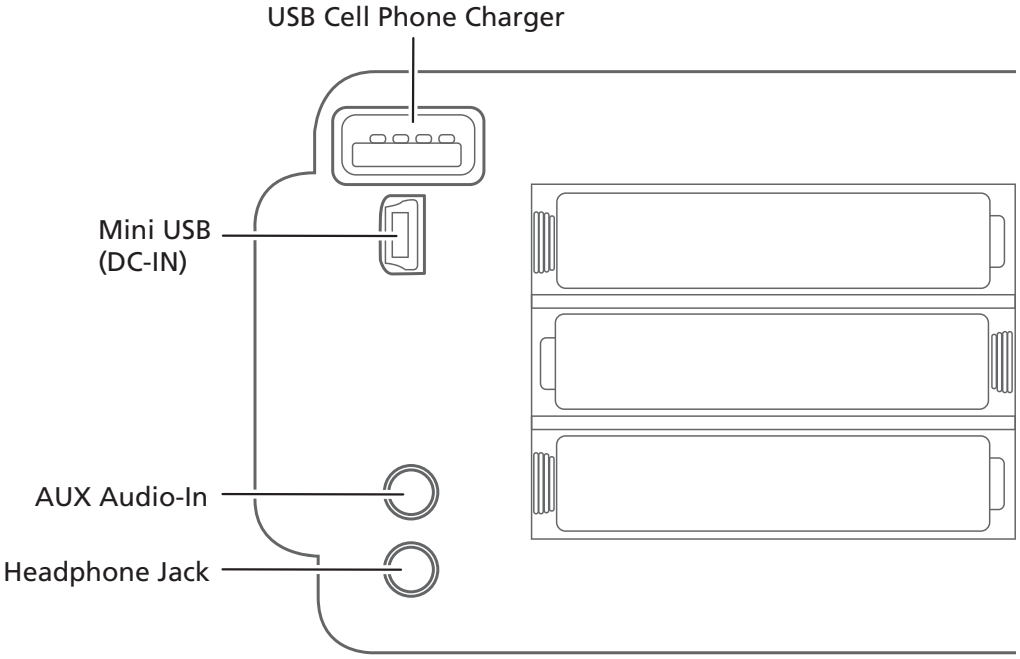
According to the European Directive 2002/96/EC all electrical and electronic products must be collected separately by a local collection system. Please act according to your local rules and do not dispose of your old products with your normal household waste.



Please dispose of all types of batteries per your Government, State or Local rules and/or regulations. If you are unsure, please call the appropriate local authority to find out how to dispose of them safely and help protect the environment.

FUNCTION KEYS





TURNING THE AXIS ON/OFF

The AXIS is powered by 3 AAA batteries (**BATT**) and the rechargeable battery (**DYN**) that plugs inside the battery compartment.

To turn the radio on, press the **BATT** button or the **DYN** button (front right side) and then press **POWER** (button with the circle and vertical line).

THE POWER BUTTON

The **POWER** button is located on the front right side of the radio and has a circle with the vertical line through it. Press this button to turn the radio on.

VOLUME CONTROL

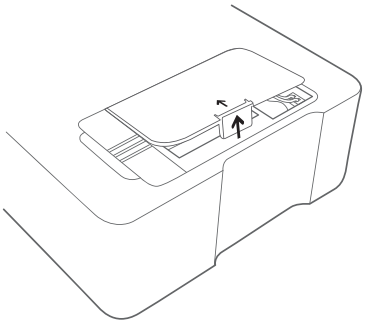
Turn the control knob, labeled **VOL**, to control the volume. Scroll the knob up to raise the volume; scroll it down to lower volume. **Always turn down the volume before using earphones.**

USING BATTERY POWER

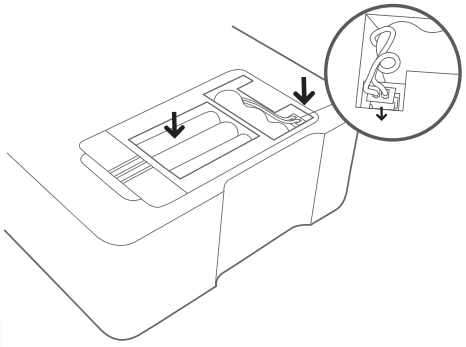
Insert 3 AAA batteries, press the **BATT** button (front right side of radio) and then press the **POWER** button to turn the radio on.

USING AND CHARGING THE RECHARGABLE BATTERY

The rechargeable Ni-MH (nickel-metal hydride) battery is located in the battery compartment. To use it, plug the battery into the socket adjacent to it, press the **DYN** button (front right side of radio) and then the **POWER** button. You may have to charge the battery. To do this, simply turn the crank for 90 seconds. You can also charge via mini USB located under DC-IN (5V) on the back of the radio. After charging, press **DYN** and then **POWER**. After a few years the rechargeable battery will eventually lose its ability to hold a charge. Contact Etón Corporation to order a replacement.



1



2

While crank charging the Ni-MH battery, the battery charge indicator (located on front right side of radio) turns red. While charging the battery with the USB cord, the charging light turns red while charging and turns green when fully charged.

A fully charged rechargeable Ni-MH battery will play for about 4 to 5 hours, at low volume. Crank charging for 1 minute will play the radio for about 5 minutes, at low volume.

Warning: If you have the rechargeable battery unplugged, do not turn the crank, as this can cause overload to internal components, and possibly damage them.

USING THE DC-IN (5V) USB CORD

A USB charging cord is included. Plug the large USB plug into your computer's USB socket (computer must be turned on) or into an AC adapter (not included) with a USB socket on it (must support 5V 500), available at most electronics retailers. Plug the mini-USB plug into the DC-IN socket (located under the top rubber cover on the back of the radio). To play the radio without charging the rechargeable battery, press **BATT** and then **POWER** (button with circle and vertical line). To play the radio and charge the rechargeable battery, press **DYN** and then press **POWER**. A full charge is acquired after about 8 hours of charging. The radio can be played while it's charging.

LCD BACKLIGHT

Each time a button is pressed, the LCD backlight turns on for about 10 seconds.

SELECTING BANDS AND TUNING IN STATIONS

The **AXIS** plays **AM** (520-1710 KHz), **FM** (87.5-108 MHz) and seven **NOAA** Weather channels:

Select **AM**, **FM** or **WB1-WB7** with the band knob on the left side of the radio.

When listening to **FM** and Weather channels, extend the telescopic antenna all the way up. When tuning **AM** stations the telescopic antenna is not needed and can be lowered. Tune into stations by scrolling the **TUNE** knob.

The weather frequencies are on channels WB1 through WB7. Choose a station with the knob on the left side of the radio. Try all of them and find the one with the strongest signal; the strongest signal is your weather station. In most communities only one channel will be heard. The frequencies associated with them are:

WEATHER BAND CHANNELS

Channel 1	162.400 Mhz
Channel 2	162.425 MHz
Channel 3	162.450 Mhz
Channel 4	162.475 MHz
Channel 5	162.500 Mhz
Channel 6	162.525 MHz
Channel 7	162.550 MHz

THE NOAA ALERT FEATURE

After you have tuned into your local weather channel, the radio can be set to the alert function by pressing the **ALERT** button (below and right of the LCD). When pressed, '**ALERT**' flashes on the right of the display. This function turns off the sound, but continues to monitor the NOAA frequency. If an alert is broadcast, the sound turns back on automatically, enabling you to hear the alert broadcast. To turn Alert off, press **ALERT** again and '**ALERT**' disappears from the display.

NOTE: While **ALERT** is selected, no other stations (excluding FM) can be tuned in or received.

CHARGING CELL PHONES

If your cell phone has a USB charging cord, you can use it. If not, you can purchase one from www.iGo.com, or call 1-888-205-0093. To purchase a charging tip and cord for your cell phone, go to www.iGo.com, or call 1-888-205-0093. Purchase USB charging cable model# PS00271-0003 and have the brand and model of your cell phone ready to purchase the tip.

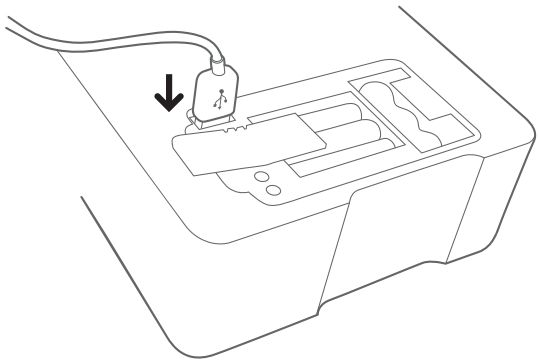
To use the cell phone's USB charging cord, connect it to the radio's large USB socket (located under the rubber cover on the back of the radio.) Press the **CELL** button and the battery power will directly dump charge to your cell phone. The Axis will only charge your cell phone if the battery indicator shows it at half full, or two bars. To charge your cell phone with a low battery, turn the crank for 7 minutes at 130 rpm to charge the cell phone enough to talk for about 5 minutes.

The Axis has a low voltage protection circuit to avoid the battery from dropping too low in voltage from cell phone charging. If the battery symbol on the LCD display shows three bars, it can support cell phone charging. When the battery symbol is blinking, it stops charging your cell phone and you are urged to re-charge the battery until the blinking stops so that cell phone charging can resume.

CHARGING CELL PHONES *(continued)*

To charge your cell phone:

1. Press **DYN**. Make sure that the battery symbol has three bars. If it doesn't or if it's blinking it must be charged by cranking or with an AC adapter until it stops blinking.
2. Plug the USB cell phone charging cord into the PHONE CHARGER socket (under the rubber cover on the back of the radio).



3. Plug the other end of the cord into the cell phone.
4. Press the button labeled **CELL** and 'CELL' will appear in the lower right corner of the LCD display. The cell phone should start charging and show charging on its display.

After about 20 minutes of charging, the cell phone should have a talk time of 20 to 25 minutes.

If you don't have time to charge the radio's rechargeable battery you can still charge your cell phone by pressing **DYN** and turning the crank for 7 minutes. With your cell phone plugged in, press **CELL** and charge the cell phone for about 5 minutes, after which you can talk for about 6 minutes.

SETTING THE TIME AND ALARM

To set the time:

1. With the radio turned off, press the **SET** button (the fourth button from the left, under the display) for one second.
2. While the hour flashes press the **UP** or **DOWN** buttons (the 3rd and 2nd button from the left, under the display) to set the hour.
3. Press **SET** again.
4. While the minute flashes press the **UP** or **DOWN** buttons to set the minutes.
5. Press **SET** again.
6. If you wish to change the clock mode from 12 to 24 hours or vice versa, press the **UP** or **DOWN** buttons to change it from the one displayed to the other.
7. Press **SET** to finalize the time setting.

To set the alarm:

1. With the radio turned off, press the **ALARM** button (to the far left side under the display) so that 'ALARM' appears at the top of the display.
2. Press **SET** to make the hour flash.
3. While the hour flashes, press the **UP** or **DOWN** buttons to set the alarm hour.
4. Press **SET** to make the minutes flash.
5. While the minute flashes, press the **UP** or **DOWN** buttons to set the alarm minutes.
6. Press **SET** to finalize the alarm setting.
7. Press **ALARM** again to deactivate the alarm.

TURNING THE ALARM ON AND OFF

With the radio on or off press the **ALARM** button. Notice that when it's on, 'ALARM' appears at the top of the display. When it's off, 'ALARM' disappears.

USING THE FLASHLIGHT AND EMERGENCY LIGHT

Use the **ON/OFF/** "≡◗ " switch on the top left of the radio to turn these lights on and off. The **ON** position turns on a flashlight. The "≡◗ " position turns on a flashing red light. The **OFF** position turns the lights off.

EARPHONE JACK

The **AUDIO-OUT** socket is under the lower rubber cover on the back of the radio. Plug in any stereo earphones. Audio is heard in mono only. **Always turn down the volume before plugging in earphone/headphones.**

AUDIO-IN SOCKET

The **AUDIO-IN** socket is located under the lower rubber cover on the back of the radio. It enables you to listen to other devices, such as MP3 players, using a stereo 3.5 mm (1/8 inch) connector cord.

RESETTING THE AXIS

If the Axis ever stops working or won't turn on, just reset it. Remove your AAA batteries and unplug the rechargeable battery. Let the radio sit for 30 minutes, then put them back in. To play it from AAAs press **BATT** first, then **POWER**. To play it from the rechargeable batteries, first press **DYN**, turn the crank for at least one minute, then press **POWER**.

WARRANTY REGISTRATION

To ensure full warranty coverage or product updates, registration of your product should be completed as soon as possible after purchase or receipt. You may use one of the following options to register your product:

1. By visiting our website at www.etoncorp.com
2. Mail in enclosed warranty card.
3. Mail your registration card or information to the following address. Include your name, full mailing address, phone number, model purchased, date purchased, retail vendor name and product serial number (typically located in or near the battery compartment):

   Etón Corporation
   1015 Corporation Way
   Palo Alto, CA 94303

LIMITED WARRANTY

Retain the warranty information from your warranty card with your proof of purchase or the Limited Warranty information can also be viewed at www.etoncorp.com

SERVICE FOR YOUR PRODUCT

To obtain service for your product, we recommend first contacting an Etón service representative at 1-800-872-2228 (US), 1-800-637-1648 (Canada) or (650) 903-3866 (World-wide) for problem determination and trouble-shooting. If further service is required, the technical staff will instruct how to proceed based on whether the radio is still under warranty or needs non-warranty service.

WARRANTY – If your product is still in warranty and the Etón service representative determines that warranty service is needed, a return authorization will be issued and instructions for shipment to an authorized warranty repair facility. DO NOT ship your radio back without obtaining the return authorization number.

NON-WARRANTY – If your product is no longer under warranty and requires service our technical staff will refer you to the nearest repair facility that will be able to best handle the repair.

For service outside of North America, please refer to the distributor information included at time of purchase or receipt.

EMPOWERED BY NATURE

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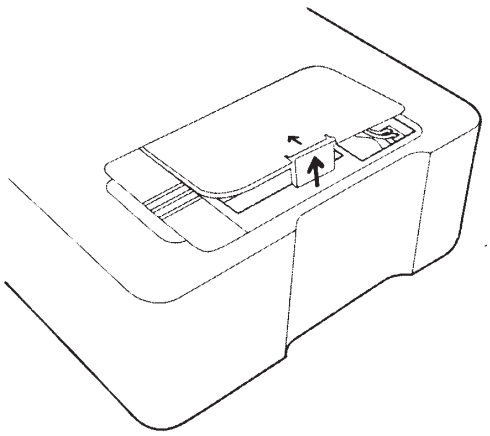
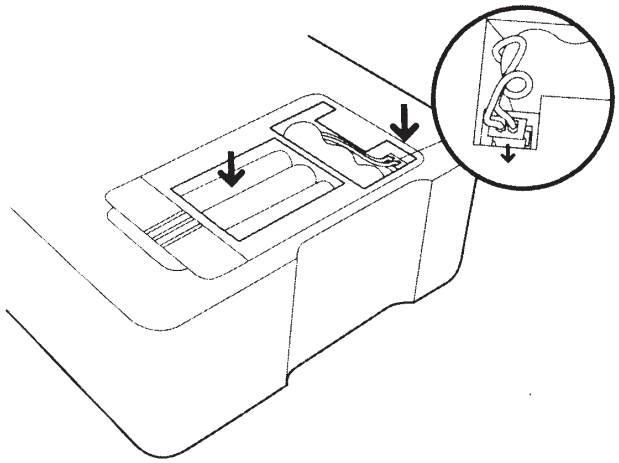
AXIS
QUICK GUIDE

GETTING STARTED



1

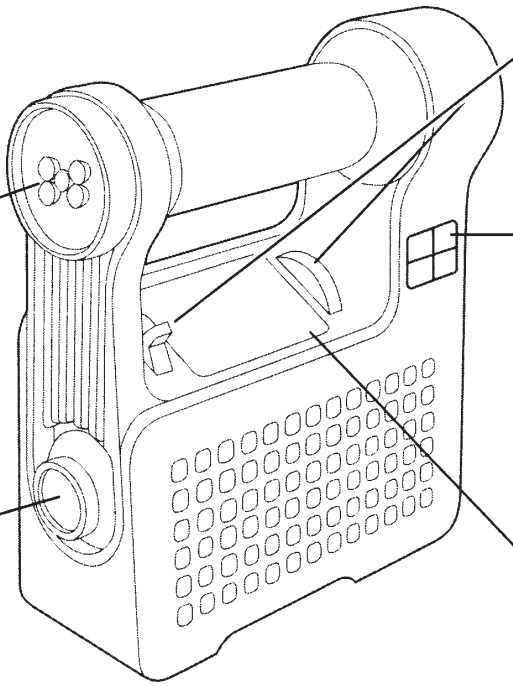
Open battery compartment to access the battery slot and rechargeable battery.



2

Connect the rechargeable batteries (located on the back battery cartridge) to the device by inserting the cables. This device can also be powered by 3 AAA alkaline batteries.

RADIO OPERATION



LED Flashlight/Flashing beacon
Adjust light source knob ON and OFF to use LED lights. Switch light source to turn on red flashing beacon

AM/FM/NOAA Weather Band Tuner
Use the band switch to choose AM, FM or one of the seven Weather band channels.

Tune and Volume knob
Use the **TUNE** knob or the DOWN/UP buttons to change the station frequency. Adjust the volume levels with the **VOL** knob.

Power/Dynamo/Battery/Cell Phone Charger
Press **POWER** to turn radio ON/OFF. Press the **BATT** button to use the AAA batteries as main power source. Press the **DYN** button to use the rechargeable batteries as main power source. Press **CELL** when directing power into a USB connected cell phone (see "CELL PHONE CRANK CHARGING" for more details).

Alert
Press the **ALERT** button to access the Alert system. When Alert function is on, none of the seven weather band stations will be broadcasting.

SETTING THE CLOCK AND ALARM

Clock

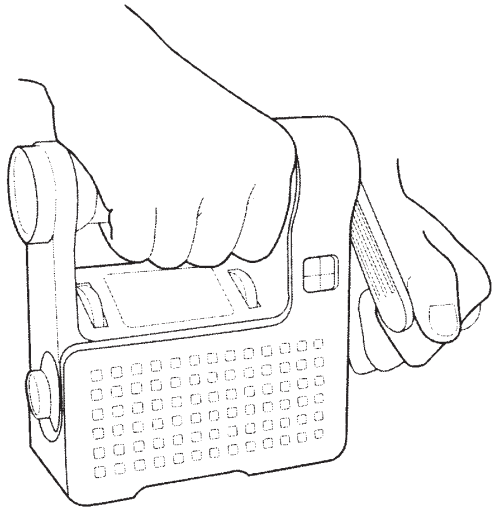
To set clock, press **POWER** button twice so only the time is shown on the screen, and the radio is off. Press **SET** once. The hour should be flashing. Select the **DOWN** and **UP** buttons to select the hour. Press **SET** again to adjust the minute. Press **SET** a third time to set the clock.

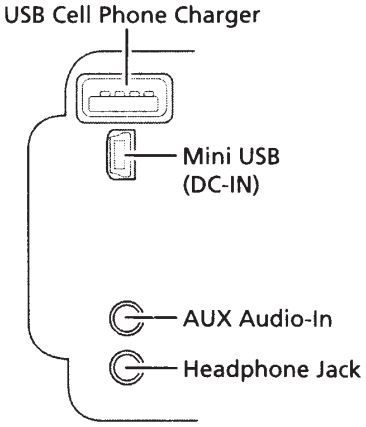
Alarm Clock

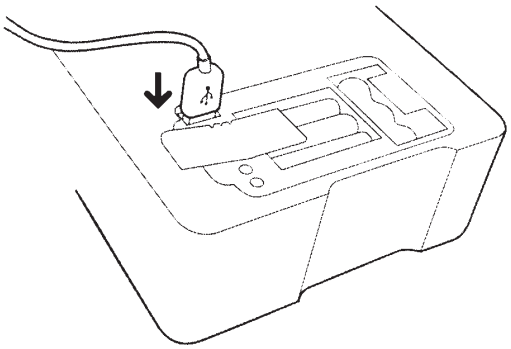
To set alarm clock, press the . Press **SET** once to select the hour. Use the **DOWN** and **UP** buttons to set desired alarm time. Press **SET** again to change the minute. Press **SET** one last time to set the alarm clock.

CELL PHONE CRANK CHARGING

Once the Axis has been fully charged either through the mini USB port (cord included) or by the hand crank, please follow the instructions below for charging your cell phone.







1

Turn the hand crank for immediate power to the rechargeable batteries (included).

2

Lift the water resistant cover to access USB inputs/outputs and headphone jack.

3

Plug in USB cord for direct power transfer from device to cell phone. Press the **CELL** button to directly access the dump charge feature.

WARNING

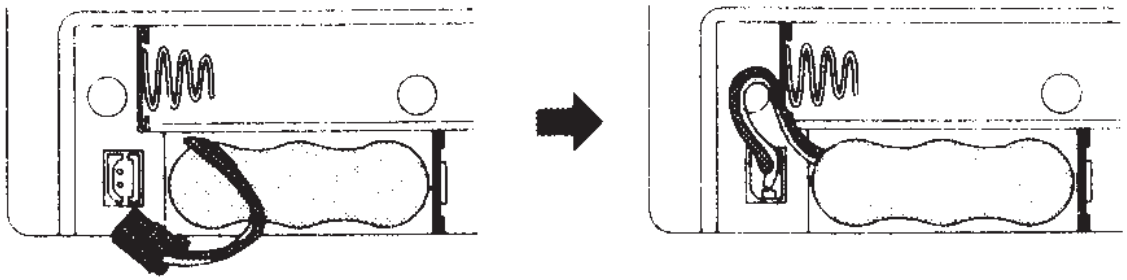
- Do not submerge or expose for extended period to water.
- Protect from high humidity and rain.
- Only operate within specified temperature range (32 °F to 104 °F).
- Unplug any wires connected to the device immediately if liquid has been spilled or any object has fallen in the apparatus.
- Clean only with a dry cloth. Do not use detergents or chemical solvents as these might damage the finish.
- Do not remove cover [or back].
- Refer servicing to qualified service personnel.

DISPOSAL

Please dispose of old electrical and electronic equipment according to your local environmental laws and guidelines. Please dispose of all types of batteries per your Government, State or Local rules and/or regulations. If you are unsure, please call the appropriate local authority to find out how to dispose of them safely and help protect the environment.

READ THIS FIRST

The rechargeable NiMh battery has been disconnected for transportation purposes. To use the crank-charge system, open the battery compartment and connect the rechargeable battery's plug into its socket, as per the diagram below:



QUESTIONS

Etón Corporation
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Palo Alto, CA 94303, USA

1.800.872.2228 U.S.
1.800.637.1648 Canada
1.650.903.3866 World-Wide
www.etoncorp.com
customersvc@etoncorp.com

Standard of Quality

Limited Warranty and Product Registration

USA

Etón Corporation
Corporate Headquarters
1015 Corporation Way
Palo Alto, CA 94303

www.etoncorp.com

Canada

Etón Electronics Canada LTD
Toronto Office
1 Yonge Street, Suite 1801
Toronto, Ontario M5E 1W7

www.etoncorp.com

etón
CORPORATION

www.etoncorp.com
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v 072009

LIMITED WARRANTY

Etón Corporation (Etón) offers a limited warranty to the original customer against manufacturing defects in material and workmanship on this product. This warranty is valid only for the original purchaser and is not transferable.

TWO (2) YEARS PARTS AND LABOR - Europe
ONE (1) YEAR PARTS AND LABOR - North America

This limited warranty begins on the original date of purchase, and is valid only on products purchased through an authorized Etón retailer. Warranty repairs must be performed by Etón or an authorized service center. To receive warranty service, the original dated bill of sale, or a copy, must be presented upon request as proof of purchase. Installation, removal or reinstallation of the product is not included under this warranty. Shipping to Etón or the authorized service center is the responsibility of the purchaser. For products purchased in Europe, please return to your dealer or the distributor of your country, which is listed on a sheet included in the packaging.

Etón will repair or replace this product, at our option and at no charge, with new or reconditioned parts if this product is found to be defective during the limited warranty period. To be eligible for warranty coverage, the product must be returned with shipping charges prepaid no later than 15 days after the expiration of the warranty period to Etón or the designated service center. Prior to returning any product for warranty service, the purchaser must contact Etón or the designated service center for troubleshooting and service procedure instructions. Damaged parts or products become the property of Etón. Parts and products replaced by Etón assume the remaining original warranty, or ninety (90) days, whichever is longer.

This limited warranty covers manufacturing defects in material and workmanship encountered in normal, noncommercial use of this product and shall not apply to the following, including, but not limited to: damage that occurs due to applications and uses for which the product was not intended; failures or problems that are caused by products or equipment not supplied by Etón; accidents, misuse, abuse, neglect, misapplication, fire, water, lightning, or other acts of nature; incorrect line voltage, fluctuations, or surges; damage caused by improper or faulty installation; damage caused by acid leakage from improperly installed or defective batteries; product alteration or modification; or use of unauthorized parts, supplies, accessories, or equipment that damage this product or result in service problems.

SERVICE INFORMATION

To obtain service for your Etón product, first contact an Etón service representative at 1-800-872-2228 US, 1-800-637-1648 Canada or your respective country distributor in Europe (see enclosed list) for troubleshooting. Many common questions and problems can be resolved over the phone.

WARRANTY REGISTRATION

To ensure full warranty coverage or product updates, registration of your product should be completed as soon as possible after purchase or receipt. You may use one of the following options to register your product:

1. By visiting our website at **http://www.etoncorp.com.**
2. Mail in enclosed warranty card.
3. Mail your registration card or information to following address; include your name, full mailing address, phone number, email address, model purchased, date purchased, retail vendor name:

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For service outside North America, please refer to the distributor information included at time of purchase/receipt.

*Denotes Required Field

Etón Product Registration

Go to: **www.etoncorp.com/productregistration**, or mail this form today.

Serial number*:
(located in the back of the unit)

Date of purchase*:

Dealers name*:

City*:

Country/Territory*:

Name*:

Address*:

City*:

State/Provice*:

Postal Code/ZIP Code*:

Country/Territory*:

Telephone Number*:

Email*:

1. Your annual income?

- ○ Under $14,999
- ○ $15,000 to $30,000
- ○ $30,001 to $50,000
- ○ $50,001 to $75,000
- ○ $75,001 to $150,000
- ○ Over $150,001

2. Your age?

- ○ Under 16
- ○ 16-20
- ○ 21-25
- ○ 26-30
- ○ 31-35
- ○ 36-40
- ○ 41-45
- ○ 46-50
- ○ 51-55
- ○ 56-60
- ○ 61 and over

3. What are your listening interests? (Check all that apply)

- ○ Satellite Radio
- ○ Local AM/FM
- ○ Shortwave/International Broadcast

4. Did you consider another unit before choosing this product?

- ○ Yes (Please Specify Model): _____
- ○ No

5. What is your occupation? _____

6. How did you hear about Etón?

- ○ Newspaper ad
- ○ Radio ad
- ○ Through a retailer
- ○ Article
- ○ Web Search
- ○ Other _____

○ **Yes!** I would like Etón to send me information on products including special offers, new product launches, and product updates/information:

○ Email ○ Mail

ETÓN
CORPORATION
www.etoncorp.com